

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
CLAYTON COUNTY --- 1.4 N GUTTENBURG [42.80, -91.10], 3.1 SE GARNAVILLO [42.84, -91.18], 2.0 SE NATIONAL [42.93, -91.25], 1.7 N CLAYTON [42.92, -91.16], 3.0 SE CLAYTON [42.87, -91.10]				
	06/05/08 05:45 CST		0	Flash Flood (due to Heavy Rain)
	06/05/08 08:45 CST		0	Source: County Official
Flash flooding led to water over sections of Buck Creek Road in far eastern parts of Clayton County.				
Heavy rain from thunderstorms led to fairly localized flash flooding in Clayton County, Iowa, near the Mississippi River.				
FLOYD COUNTY --- 0.5 WNW CHARLES CITY ARPT [43.07, -92.61]				
	06/06/08 00:55 CST		0	Thunderstorm Wind (MG 51 kt)
	06/06/08 00:55 CST		0	Source: AWOS
WINNESHIEK COUNTY --- 2.0 W SPILLVILLE [43.20, -92.01]				
	06/06/08 01:12 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	06/06/08 01:12 CST		0	Source: Law Enforcement
A couple of trees were knocked down.				
A line of thunderstorms raced across northeast Iowa during the early morning hours of June 6 producing wind gusts of 50 to 60 mph.				
CHICKASAW COUNTY --- 1.0 W NORTH WASHINGTON [43.12, -92.45]				
	06/07/08 14:02 CST		0	Funnel Cloud
	06/07/08 14:02 CST		0	Source: Law Enforcement
MITCHELL COUNTY --- 2.0 NW STACYVILLE [43.45, -92.81], 1.9 NW STACYVILLE [43.45, -92.80]				
	06/07/08 15:50 CST		0	Tornado (EF0, L: 0.26 mi , W: 30 yd)
	06/07/08 15:54 CST		0	Source: Law Enforcement
A brief tornado touched down about 2 to 3 miles northwest of Stacyville, as reported by law enforcement officials and storm spotters. The Stacyville police chief photographed the tornado. There was no damage reported.				
MITCHELL COUNTY --- 4.2 WSW ST ANSGAR ARPT [43.35, -93.02], 3.1 WSW ST ANSGAR ARPT [43.36, -93.00]				
	06/07/08 16:28 CST		0	Tornado (EF0, L: 1.09 mi , W: 25 yd)
	06/07/08 16:38 CST		1K	Source: Storm Chaser
A storm chaser spotted a tornado near the Worth-Mitchell County line that tracked east-northeast for a short distance. There was weak debris tossed up in the air, otherwise no known damage.				
FAYETTE COUNTY --- 0.8 SW OELWEIN MUNI ARPT [42.67, -91.99], 1.5 ESE OELWEIN MUNI ARPT [42.67, -91.95]				
	06/08/08 16:20 CST		32K	Thunderstorm Wind (EG 55 kt)
	06/08/08 16:30 CST		1K	Source: Fire Department/Rescue
Power lines were blown down, some farm buildings were damaged, and trees were blown down just west of Oelwein from an apparent downburst.				
A warm front extending east to west across the Upper Mississippi River Valley was the focus for a severe weather event on June 7.				
Two brief tornadoes occurred, as reported by law enforcement officials, storm spotters, and storm chasers.				
Thunderstorms also produced a brief downburst near Oelwein on June 8th.				
MITCHELL COUNTY --- 2.0 WNW MONA [43.49, -92.99], 2.0 NE BAILEY [43.49, -92.59], 4.0 E NEW HAVEN [43.28, -92.57], 1.8 N MEROA [43.26, -92.93]				
	06/07/08 18:10 CST		1M	Flash Flood (due to Heavy Rain)
	06/07/08 23:00 CST		1.50M	Source: Law Enforcement
Flash flooding closed several secondary roads in the county with numerous bridges and culverts washed out.				
HOWARD COUNTY --- 2.0 S CHESTER [43.47, -92.37], 3.0 SW CHESTER [43.47, -92.41], 2.0 W CHESTER [43.50, -92.41], 1.2 E CHESTER [43.50, -92.35]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/07/08 19:00 CST		80K	Flash Flood (due to Heavy Rain)
	06/07/08 23:00 CST		70K	Source: Law Enforcement

Flash flooding led to numerous road closures, mainly in the northern part of the county. Some bridges near the Iowa-Minnesota border were also damaged and closed.

ALLAMAKEE COUNTY --- 4.9 NW QUANDAH [43.49, -91.70], 5.8 NW POSTVILLE [43.14, -91.66], 7.0 S WAUKON JCT [43.05, -91.18], 3.9 E WEXFORD [43.27, -91.09], 1.6 NNW LANSING [43.40, -91.25], 4.8 E NEW ALBIN [43.49, -91.24]				
	06/07/08 19:42 CST		2M	Flash Flood (due to Heavy Rain)
	06/07/08 23:00 CST	3	1.50M	Source: Law Enforcement

Excessive rainfall caused fairly widespread flash flooding across the county. Steep terrain enhanced the flash flood threat causing mud slides and damaged infrastructure. Numerous roads were washed out and bridges damaged. A mud slide at Camp Tahigwa Girl Scout camp near Dorchester trapped part of the staff, but no one was injured. In Dorchester, the Waterloo Creek flash flooded swamping several mobile homes or trailers and cars along Highway 76. Water swept through town very quickly trapping people on their cars and roof tops. There were three injuries as a result.

WINNESHIEK COUNTY --- 5.2 NNW KENDALLVILLE [43.50, -92.07], 4.3 W SPILLVILLE [43.21, -92.05], 3.9 NW FRANKVILLE [43.22, -91.68], 3.2 N HIGHLANDVILLE [43.50, -91.68]				
	06/07/08 19:42 CST		1M	Flash Flood (due to Heavy Rain)
	06/08/08 07:30 CST		1M	Source: Law Enforcement

Rounds of thunderstorms produced flash flooding over large parts of the county. Many secondary roads were damaged including infrastructures. The Upper Iowa River also began to rise very quickly. Mudslides were also reported. The Protivin area near neighboring Howard County was also evacuated.

ALLAMAKEE COUNTY --- 3.6 NNW QUANDAH [43.50, -91.65], 3.2 SW POSTVILLE [43.05, -91.63], 8.7 S WAUKON JCT [43.02, -91.17], 2.5 NE HARPERS FERRY [43.22, -91.11], 1.5 SE LANSING [43.37, -91.21], 5.1 E NEW ALBIN [43.50, -91.23]				
	06/07/08 23:00 CST		1.25M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		1M	Source: Law Enforcement

Many roads, mainly secondary, were washed out in the county. Rainfall totals of 5-7 inches were reported for the weekend of June 7-8 with widespread flood problems. About 2500 acres of crops were damaged.

CHICKASAW COUNTY --- 1.9 NNW HORN FLD ARPT [42.95, -92.58], 7.7 NNW DEERFIELD [43.25, -92.57], 7.2 NE SAUDE [43.29, -92.10], 5.3 ESE FREDRICKSBURG [42.93, -92.11]				
	06/07/08 23:00 CST		0.60M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		1M	Source: Law Enforcement

Highways 18 and 63 were closed in spots from flood waters. A Local Area Emergency (LAE) was issued for the county based on requests early Sunday morning June 8. Main roads were mostly open, but secondary and township roads were under water. The Cedar River caused flooding in parts of Nashua where sand bagging efforts were unable to save a water main from breaking and cutting off the towns water supply. Rainfall totals of 6 to 7 inches were reported during the weekend of June 7-8.

CLAYTON COUNTY --- 4.7 WSW STRAWBERRY PT [42.65, -91.61], 9.7 ESE TURKEY RIVER [42.66, -90.88], 2.3 NNW TURKEY RIVER [42.76, -91.06], 0.9 E MC GREGOR [43.02, -91.16], 6.5 NNW FARMERSBURG [43.05, -91.60]				
	06/07/08 23:00 CST		4.70M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		20M	Source: Law Enforcement

Most secondary roads were either damaged or under water. Rainfall totals of 3 to 7 inches were reported during the weekend of June 7-8. About 4000 acres of farm land were impacted. Combined with flooding along the Turkey River, a total of 20 homes were destroyed, 9 with major damage, 15 with minor damage, and recovery costs easily into the millions.

FAYETTE COUNTY --- 1.6 SSW OELWEIN MUNI ARPT [42.66, -91.99], 5.8 S ARLINGTON [42.67, -91.65], 5.3 NNE CLERMONT [43.07, -91.62], 2.1 WNW WAUCOMA [43.08, -92.07]				
	06/07/08 23:00 CST		3.10M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		2.20M	Source: Law Enforcement

Numerous secondary roads were flooded. Over 5 inches of rain was reported for the weekend of June 7-8.

FLOYD COUNTY --- 8.4 N FOLKERTS FLD ARPT [43.25, -92.85], 1.1 WSW ROSEVILLE [43.02, -92.85], 1.6 ENE CARRVILLE [43.03, -92.57], 7.2 N COLWELL [43.25, -92.60]				
	06/07/08 23:00 CST		1M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		1.25M	Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Flooding was extensive across the county from 4 to 5 inches of rain. Flooding along the Shell Rock river breeched a levee in Nora Springs on Sunday June 8th and flooding was extensive in Rockford, IA. Perhaps as many as 60 secondary roads were washed out or closed. The Cedar River also began to rise quickly and ended up causing extensive damage through the county.				

About 400 homes in Rockford had damage and roughly 20 others across more rural areas of the county.

Highway 18 was also closed east of Charles City due to damage from flood waters.

HOWARD COUNTY --- 1.3 ESE PROTIVIN [43.21, -92.08], 2.6 ESE FLORENCEVILLE [43.49, -92.08], 8.4 N RICEVILLE [43.49, -92.54], 2.8 W ELMA [43.25, -92.50]

06/07/08 23:00 CST	0.75M	Flood (due to Heavy Rain)
06/10/08 09:00 CST	1M	Source: Law Enforcement

Flash flooding led to aerial flooding across much of the county. Numerous roads and bridges remained closed, mainly in the northern part of the county.

In the Lime Springs area, the road to Lidtke park was damaged and water approached the top of the Lidtke Mill bridge.

Parts of Protivin was evacuated due to flood waters and ponding. Crops were also hit hard with too much standing water.

MITCHELL COUNTY --- 3.4 N MEYER [43.50, -92.72], 1.3 NNE MONA [43.50, -92.94], 3.2 NW MEROA [43.27, -92.97], 4.8 SSE NEW HAVEN [43.22, -92.61]

06/07/08 23:00 CST	1.20M	Flood (due to Heavy Rain)
06/10/08 09:00 CST	1.50M	Source: Law Enforcement

Highway 218 was closed due to flooding and Highway 9 east of Osage was closed since water topped the bridge. Widespread overland flooding continued across the county, which was described as a "lake" on Sunday June 8. In addition, the Cedar River was in flood for several days, cresting in Charles City, Iowa during the morning of June 9th.

In Stacyville the flooding was the worst in years and left water standing in fields for more than a week. Besides crop damage, many basements were flooded.

FAYETTE COUNTY --- 1.5 NNE CLERMONT VLY ARPT [43.00, -91.63], 0.7 N ELGIN [42.96, -91.63], 0.6 S ST LUCAS [43.06, -91.95], 3.3 NE ST LUCAS [43.10, -91.90]

06/08/08 00:00 CST	3.60M	Flood (due to Heavy Rain)
06/11/08 00:00 CST	1.20M	Source: River/Stream Gage

The Turkey River through northern and northeast Fayette County experienced a record flood. At Eldorado, the river crested at a record level of 22.11 feet about 9 a.m. CDT on June 9. The previous record crest was 19.6 feet in May 2004. Flood stage is 12.0 feet. Flood stage levels were also exceeded at Clermont.

Damage in Eldorado was surprisingly minimal with flood waters only impacting a few homes directly near the river on the north side of the village. Further southeast though several bridges and roads were damaged or destroyed as debris would pile up along bridge supports and running water flowed over highways. A large bridge north of West Union, called the Huntzinger Bridge, on County Road W42 was broke apart in two sections. County Road B40, known as the river road was also closed and heavily damaged.

In Clermont, the Turkey River heavily damaged the Skip-A-Way Campground on the southwest edge of town. River levels quickly rose out of their banks and swept across many of the camp sites heavily damaging at least 50 of them. Water also flowed into a holding pond and busted a new opening back to the Turkey River leading to even more infrastructure damage. Luckily no one was killed or injured.

In Elgin, local officials decided to breach the road on the north side of the river, allowing flood waters to spill into a nearby rural home to protect the downtown area.

ALLAMAKEE COUNTY --- 4.9 NW QUANDAHL [43.49, -91.70], 5.8 NW POSTVILLE [43.14, -91.66], 6.0 S WAUKON JCT [43.06, -91.18], 3.9 E WEXFORD [43.27, -91.09], 1.6 NNW LANSING [43.40, -91.25], 4.8 E NEW ALBIN [43.49, -91.24]

06/08/08 02:00 CST	0.75M	Flash Flood (due to Heavy Rain)
06/08/08 07:00 CST	0.25M	Source: Law Enforcement

Another round of thunderstorms led to additional flash flooding with numerous more mudslides reported by the county and more roads damaged.

ALLAMAKEE COUNTY --- 1.2 NW HANOVER [43.38, -91.54], 5.6 NW CHURCH [43.42, -91.42], 3.4 ESE CHESTER [43.46, -91.46], 3.4 ESE QUANDAHL [43.42, -91.56]

06/08/08 04:00 CST	0.75M	Flood (due to Heavy Rain)
06/11/08 14:00 CST	0.50M	Source: River/Stream Gage

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Upper Iowa River at Dorchester crested around 1 a.m. CDT on June 9 at a record level of 22.46 feet. The previous record crest was 22.2 feet on February 28, 1948. Flood stage is 14.0 feet.				
WINNESHIEK COUNTY --- 2.8 NE KENDALLVILLE [43.46, -92.00], 2.0 SW KENDALLVILLE [43.41, -92.06], 2.5 SE DECORAH MUNI ARPT [43.25, -91.72], 4.5 ENE DECORAH MUNI ARPT [43.31, -91.67]				
	06/08/08 06:00 CST		0.75M	Flood (due to Heavy Rain)
	06/10/08 10:00 CST		1M	Source: River/Stream Gage
River levels on the Upper Iowa River at Decorah and Bluffton crested at record levels.				
Decorah crested at about 9 a.m. CDT on June 9 at 17.9 feet. The previous record crest was 15.2 feet on May 29, 1941. Flood stage at Decorah is 12.0 feet. Sand bagging was needed along the north end of town as water approached the Law Enforcement Center. Several homes and roads were flooded on the east end of Decorah as well.				
Bluffton crested at 15.49 feet about 2 a.m. on June 9. Flood stage at Bluffton is 14.0 feet.				
CLAYTON COUNTY --- 2.4 WNW ELKADER [42.87, -91.44], 1.8 SSW ELKADER MUNI ARPT [42.82, -91.39], 1.1 ESE ELKADER MUNI ARPT [42.84, -91.36], 1.9 NNW ELKADER [42.88, -91.42]				
	06/08/08 07:16 CST		3.50M	Flood (due to Heavy Rain)
	06/12/08 00:00 CST		3M	Source: River/Stream Gage
The Turkey River at Elkader established a new record crest at about 6 a.m. CDT on June 10 of 30.9 feet. The previous record crest was 27.3 feet on June 15, 1991. Flood stage is 12.0 feet. The river rose again above flood stage from June 12 through June 14th cresting at 16.63 feet.				
WINNESHIEK COUNTY --- 4.7 NNW KENDALLVILLE [43.49, -92.07], 0.7 WSW JACKSON JCT [43.12, -92.03], 2.7 E CASTALIA [43.11, -91.65], 3.5 NNW HIGHLANDVILLE [43.50, -91.71]				
	06/08/08 07:30 CST		2.70M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		2.50M	Source: Law Enforcement
Several civil emergency messages were issued for evacuations in the county. Nursing homes and residences in the lower areas on the west side of the city of Decorah were evacuated. Ponding of water in Decorah could not be stopped even with pumps running. Many roads were closed in the county due to high water.				
In Fort Atkinson, the supports to a train bridge gave way in addition to damage to Highway 24 near town. Mudslides were also reported on County Road B32 between Fort Atkinson and Festina.				
In Spillville, flood waters covered many of the streets and the waste water treatment plant. Sand bagging efforts were halted as flood waters continued to rise.				
The Turkey River flooded in Spillville and Fort Atkinson and damaged railroad bridges. The Highway 24 bridge over the Turkey was heavily damaged and had to be closed for repairs following the flood.				
CLAYTON COUNTY --- 0.4 NNW GARBER [42.74, -91.27], 0.9 NE GARBER [42.74, -91.26], 1.8 ENE GARBER [42.74, -91.24], 1.9 NE GARBER [42.75, -91.25], 1.0 NNE GARBER [42.74, -91.26], 1.3 N GARBER [42.75, -91.27], 1.2 N ELKPORT [42.75, -91.28]				
	06/08/08 08:00 CST		2M	Flood (due to Heavy Rain)
	06/11/08 21:30 CST		2.50M	Source: River/Stream Gage
The Turkey River at Garber had a major flood and crested at 29.1 feet around 11:30 a.m. CDT on June 10. The all-time record crest of 32.8 feet occurred on May 23, 2004. Flood stage is 17.0 feet.				
FLOYD COUNTY --- 1.8 N FLOYD CROSSING [43.11, -92.75], 2.1 WSW CARRVILLE [43.01, -92.64], 0.6 NW CARRVILLE [43.03, -92.61], 2.9 ESE FLOYD [43.12, -92.72]				
	06/08/08 08:00 CST		0.75M	Flood (due to Heavy Rain)
	06/11/08 05:00 CST		0.80M	Source: River/Stream Gage
The Cedar River at Charles City had a record crest at 25.55 ft, which occurred about 7:00 a.m. CDT on June 9. The previous record was 22.8 feet, which occurred on July 21, 1999. Flood stage is 12.0 feet. Of note, no river levels were available for a time from June 8-9 due to the river gage and gage house being completely underwater.				
The two main traffic bridges in Charles City were closed, splitting the city in half. The walking suspension bridge in Charles City collapsed as well. Immaculate Conception school took a direct hit as water topped all sand bagging efforts flooding the basement and first floor. Many businesses also suffered damaged when water flowed into basements. The fire department was evacuated as flood waters swamped that area of town. Over 500 homes in Charles City were directly impacted.				

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A warm front extended east to west across the Upper Mississippi Valley on June 7, which provided the focus for thunderstorms producing excessive rainfall. In fact, these storms exhibited very high rainfall rates, which led to 1 to 2 inch rainfall amounts in an hour. As the storms congealed into a larger scale line of thunderstorms, they continued to move over the same areas, which led to significant flash flooding through the evening and overnight.

On June 8, the warm front was lingering across the region, but a cold front approached out of the northern Plains. Showers and storms would redevelop during the day in the vicinity of the warm front, while a line of storms developed out ahead of the cold front, with these tracking across the region Sunday night. Again, copious amounts of moisture lead to periods of heavy rain.

The heavy rainfall on June 8 enhanced the already dangerous flooding conditions across parts of northeast Iowa. Many roads were already closed from the June 7 rains due to water over the roadways, mudslides, or partial washouts. Conditions only worsened, leading to more road closures, sandbagging, and some evacuations.

While the rain was tapering off and moving east Sunday night, June 8, the rivers continued to rise, and some extremely quickly. Some rivers responded with a foot per hour rises, while others eventually exceeded their river gauges ability to record the river levels. These gauges were under water themselves! All-time record crests were set at a few locations, with top 5 records at many others.

Damage to infrastructure and crops was preliminarily estimated at 70 to 80 million dollars. As a result, Mitchell, Floyd, Howard, Chickasaw, Winneshiek, Fayette, Allamakee and Clayton Counties were all declared federal disaster areas.

MITCHELL COUNTY --- 10.0 W OSAGE [43.28, -93.02]

06/10/08 19:30 CST	0	Hail (1.00 in)
06/10/08 19:30 CST	0	Source: Trained Spotter

MITCHELL COUNTY --- 2.0 W OSAGE [43.28, -92.86]

06/10/08 19:40 CST	0	Hail (1.00 in)
06/10/08 19:40 CST	0	Source: Law Enforcement

MITCHELL COUNTY --- 0.5 E OSAGE [43.28, -92.81]

06/10/08 19:41 CST	0	Hail (0.75 in)
06/10/08 19:41 CST	0	Source: Emergency Manager

MITCHELL COUNTY --- 0.5 E OSAGE [43.28, -92.81]

06/10/08 19:52 CST	0	Hail (1.00 in)
06/10/08 19:52 CST	0	Source: Emergency Manager

Hail covered the ground two inches deep. A weather station at the Law Enforcement Center had a temperature drop from 79 to 36 degrees.

MITCHELL COUNTY --- 0.2 SE ORCHARD [43.23, -92.78], 2.0 E ORCHARD [43.23, -92.74]

06/10/08 19:56 CST	0	Funnel Cloud
06/10/08 20:04 CST	0	Source: Law Enforcement

A funnel cloud was reported along the Mitchell and Floyd County line, near Orchard, IA. The formation and associated wall cloud was well photographed, which ended up being widely distributed on the Internet labeled as other storms in other parts of the state and country. The photos were even being sold on eBay (online auction site).

MITCHELL COUNTY --- 3.4 NE ORCHARD [43.26, -92.72]

06/10/08 19:56 CST	0	Hail (1.75 in)
06/10/08 19:56 CST	0	Source: Trained Spotter

MITCHELL COUNTY --- 4.0 S LITTLE CEDAR [43.32, -92.73]

06/10/08 21:09 CST	0	Hail (1.00 in)
06/10/08 21:09 CST	0	Source: Law Enforcement

HOWARD COUNTY --- 0.5 SSW RICEVILLE [43.36, -92.55]

06/10/08 21:26 CST	0	Hail (1.00 in)
06/10/08 21:26 CST	0	Source: Emergency Manager

A couple of severe thunderstorms developed along a nearly stationary front during the evening of June 10. Hail up to the size of quarters and golfballs was reported by storm spotters and law enforcement officials. A funnel cloud was also sighted along the Mitchell and Floyd County line.

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FLOYD COUNTY --- 2.4 N FLOYD [43.17, -92.77], 3.1 ENE KNOOP ARPT [42.99, -92.94], 1.9 S CARRVILLE [42.99, -92.60], 2.6 NNE COLWELL [43.19, -92.61]				
	06/12/08 01:30 CST		10K	Flood (due to Heavy Rain)
	06/12/08 17:30 CST		0	Source: Law Enforcement
MITCHELL COUNTY --- OSAGE [43.28, -92.82], 3.4 ENE MONA [43.50, -92.89], 4.1 NW OTRANTO [43.50, -93.05], 2.7 NW MEROA [43.26, -92.97], 4.2 WSW ORCHARD [43.20, -92.85]				
	06/12/08 01:30 CST		10K	Flood (due to Heavy Rain)
	06/12/08 16:00 CST		0	Source: Law Enforcement
Rainfall totals of 1 to 3 inches during the late evening and early morning of June 11-12 forced some road closures and caused flooding along small streams and creeks.				
FAYETTE COUNTY --- 5.0 S ARLINGTON [42.68, -91.67]				
	06/14/08 14:29 CST		0	Hail (0.88 in)
	06/14/08 14:29 CST		0	Source: Public
CLAYTON COUNTY --- 5.5 WSW GRAHAM [42.65, -91.22]				
	06/14/08 14:54 CST		0	Thunderstorm Wind (EG 54 kt)
	06/14/08 14:54 CST		0	Source: Emergency Manager
Estimated peak wind gust by Delaware County Emergency Manager.				
Thunderstorms developed along a cold front during the afternoon of June 14 and produced hail up to the size of nickels.				
CHICKASAW COUNTY --- 3.0 SSW JERICO [43.14, -92.30]				
	06/27/08 17:40 CST		0	Thunderstorm Wind (MG 50 kt)
	06/27/08 17:40 CST		0	Source: Amateur Radio
A ham radio operator measured a peak wind gust of 58 mph.				
A cold front moved over northeast Iowa during the early evening hours of June 27th. A line of isolated severe thunderstorms developed along the cold front and produced strong to severe wind gusts.				
ALLAMAKEE COUNTY --- 6.0 NNW LANSING [43.46, -91.28]				
	06/28/08 11:30 CST		0	Hail (1.00 in)
	06/28/08 11:30 CST		0	Source: Trained Spotter
WINNESHIEK COUNTY --- 0.9 ESE OSSIAN [43.15, -91.76]				
	06/28/08 11:32 CST		0	Hail (1.00 in)
	06/28/08 11:32 CST		0	Source: Law Enforcement
WINNESHIEK COUNTY --- 0.8 ENE CALMAR [43.18, -91.86]				
	06/28/08 11:34 CST		1K	Hail (0.88 in)
	06/28/08 11:34 CST		27K	Source: Trained Spotter
A trained spotter reported penny to nickel size hail covering the ground. They also reported small branches down and extensive crop damage.				
An upper level disturbance moved across portions of northeast Iowa during the early afternoon hours on June 28th. Scattered severe thunderstorms developed across parts of northeast Iowa and produced nickel to one inch size hail.				
MINNESOTA, Southeast				
FILLMORE COUNTY --- 1.0 E LANESBORO [43.72, -91.96]				
	06/06/08 01:29 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	06/06/08 01:29 CST		0	Source: Amateur Radio
A large tree was blown down.				

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FILLMORE COUNTY --- CANTON [43.53, -91.93]				
	06/06/08 01:29 CST		0	Thunderstorm Wind (MG 55 kt)
	06/06/08 01:29 CST		0	Source: Mesonet
A wind gust of 63 mph was reported by the Minnesota RWIS site at mile post 2 on U.S. Highway 52.				
FILLMORE COUNTY --- 0.8 E WHALAN [43.73, -91.91]				
	06/06/08 01:34 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/06/08 01:34 CST		0	Source: Emergency Manager
Several trees were blown down.				
FILLMORE COUNTY --- 1.1 SE RUSHFORD [43.81, -91.75]				
	06/06/08 01:45 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	06/06/08 01:45 CST		0	Source: Trained Spotter
Several 3 to 6 inch diameter tree branches were blown down throughout the city of Rushford.				
WINONA COUNTY --- 0.5 W WINONA [44.05, -91.66]				
	06/06/08 02:00 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/06/08 02:00 CST		0	Source: Emergency Manager
Numerous 12 inch diameter trees were blown down mainly in the city of Winona.				
A line of fast moving thunderstorms produced wind gusts as high as 60 to 65 mph across parts of southeast Minnesota during the early morning hours of June 6.				
MOWER COUNTY --- 1.0 W RACINE [43.78, -92.52]				
	06/07/08 14:36 CST		0	Funnel Cloud
	06/07/08 14:36 CST		0	Source: Trained Spotter
HOUSTON COUNTY --- 3.0 NNW PERKINS [43.82, -91.67]				
	06/07/08 15:50 CST		0	Tornado (EF0, L: 0.05 mi , W: 25 yd)
	06/07/08 15:50 CST		0	Source: Law Enforcement
Law enforcement officials and the public confirmed a tornado touched down briefly just northwest of Perkins. The tornado was captured on video and lasted only a couple seconds. No damage was reported.				
HOUSTON COUNTY --- 1.7 NW MONEY CREEK [43.84, -91.64]				
	06/07/08 16:00 CST		5K	Thunderstorm Wind (EG 55 kt)
	06/07/08 16:00 CST		3K	Source: Law Enforcement
A shed was damaged by straight line winds.				
MOWER COUNTY --- 4.1 SE GRAND MEADOW [43.66, -92.52]				
	06/07/08 16:07 CST		1.50K	Hail (1.00 in)
	06/07/08 16:07 CST		5K	Source: Law Enforcement
MOWER COUNTY --- 0.9 SE ADAMS [43.56, -92.72]				
	06/07/08 16:08 CST		1.50K	Thunderstorm Wind (EG 56 kt)
	06/07/08 16:08 CST		10K	Source: Trained Spotter
FILLMORE COUNTY --- 1.2 SE OSTRANDER [43.61, -92.41]				
	06/07/08 16:28 CST		0	Thunderstorm Wind (EG 52 kt)
	06/07/08 16:28 CST		0	Source: Amateur Radio
FILLMORE COUNTY --- 2.4 NE OSTRANDER [43.64, -92.39]				
	06/07/08 16:30 CST		0	Hail (0.75 in)
	06/07/08 16:30 CST		0	Source: Amateur Radio

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FILLMORE COUNTY --- CHERRY GROVE [43.58, -92.28], 1.4 N GREENLEAFTON [43.60, -92.22]				
	06/07/08 16:40 CST		0	Hail (0.88 in)
	06/07/08 16:40 CST		0	Source: Public
FILLMORE COUNTY --- 1.7 SW HUTTON [43.60, -92.07]				
	06/07/08 16:51 CST		0	Hail (0.75 in)
	06/07/08 16:51 CST		0	Source: Fire Department/Rescue
FILLMORE COUNTY --- 0.7 S PRESTON [43.67, -92.08]				
	06/07/08 16:54 CST		1K	Hail (1.00 in)
	06/07/08 16:54 CST		2.50K	Source: Trained Spotter
FILLMORE COUNTY --- BRISTOL [43.55, -92.18]				
	06/07/08 16:54 CST		5K	Hail (1.75 in)
	06/07/08 16:54 CST		10K	Source: Fire Department/Rescue
FILLMORE COUNTY --- 0.7 S HUTTON [43.61, -92.05]				
	06/08/08 00:32 CST		0.80K	Hail (1.00 in)
	06/08/08 00:32 CST		3K	Source: Emergency Manager
A warm front extending east to west across the Upper Mississippi Valley was the focus for a severe weather event on June 7. A brief tornado was confirmed, while several reports of wind damage and large hail were received from law enforcement officials and storm spotters.				
WINONA COUNTY --- 1.1 W WINONA [44.05, -91.67], 0.6 NNW WINONA [44.06, -91.66], 1.8 E WINONA [44.05, -91.61], 2.1 ESE WINONA [44.04, -91.61]				
	06/07/08 15:38 CST		50K	Flood (due to Heavy Rain)
	06/07/08 19:00 CST		20K	Source: Emergency Manager
Street flooding was reported in Winona.				
WINONA COUNTY --- 1.1 WNW LAMOILLE [44.01, -91.50], 0.8 NW LAMOILLE [44.01, -91.49], 2.7 SW LAMOILLE [43.98, -91.52], 2.7 WSW LAMOILLE [43.98, -91.53]				
	06/07/08 16:30 CST		0.25M	Flash Flood (due to Heavy Rain)
	06/07/08 19:30 CST		10K	Source: Emergency Manager
Flash flooding led to mudslides and damage to sections of County Road 9 along Cedar Creek. Pleasant Valley Creek also had a flash flood. Water flowed into nearby fields as well.				
MOWER COUNTY --- LYLE [43.50, -92.97], 4.2 SE TAOPI [43.50, -92.60], 2.3 NE TAOPI [43.57, -92.61], 3.1 SSE VARCO [43.58, -92.96]				
	06/07/08 17:00 CST		0.50M	Flash Flood (due to Heavy Rain)
	06/08/08 07:30 CST		0.30M	Source: Law Enforcement
Hardest hit by flash flooding were locations in the southern part of the county, including the communities of Adams and Lyle.				
FILLMORE COUNTY --- 2.0 SE MABEL [43.50, -91.75], 8.6 SSW OSTRANDER [43.50, -92.49], 4.1 WNW SPRING VLY [43.70, -92.48], 1.9 S BRATSBERG [43.70, -91.76]				
	06/07/08 18:54 CST		0.75M	Flash Flood (due to Heavy Rain)
	06/08/08 07:30 CST		0.50M	Source: Law Enforcement
Flash flooding impacted a large part of the county, especially the southern half. High water was reported over Highways 30 and 44. Many area creeks rose very rapidly and caused infrastructure damage.				
HOUSTON COUNTY --- 2.3 ESE NEWHOUSE [43.51, -91.68], 2.9 WNW MONEY CREEK [43.84, -91.67], 1.0 ESE RIVER JCT [43.83, -91.30], 6.4 S RENO [43.51, -91.26]				
	06/07/08 19:30 CST		2.50M	Flash Flood (due to Heavy Rain)
	06/08/08 07:30 CST		1.50M	Source: Trained Spotter

Very heavy rain led to flash flooding through much of the county. A rainfall total of 7.18 inches was measured 3 miles southwest of Reno. The bridge over Clear Creek was reported damaged and unsafe for use. In addition, highway 26 was closed due to mudslides. County Highways 5, 23, 31 and 249 were closed due to high water and washouts.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OLMSTED COUNTY --- 2.0 W VIOLA [44.07, -92.31], 2.1 ENE VIOLA [44.08, -92.23], 2.3 ESE VIOLA [44.05, -92.23], 2.2 SW VIOLA [44.05, -92.31]	06/08/08 05:30 CST		50K	Flood (due to Heavy Rain)
	06/08/08 07:30 CST		15K	Source: Law Enforcement

Highway 56 became flooded after additional rounds of thunderstorms moved through.

FILLMORE COUNTY --- 1.9 NNW SPRING VLY [43.71, -92.41], 6.4 WSW YORK [43.51, -92.39], 0.8 SSW MABEL [43.51, -91.79], 1.3 NW BRATSBURG [43.75, -91.79]	06/08/08 07:30 CST		2.10M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		1.80M	Source: Law Enforcement

Flooding was reported over the southern half of the county. Roads that were closed due to high water included Highway 63 in Spring Valley and County Highway 15. A rainfall total of 7.25 inches was recorded for the weekend of June 7-8 in Harmony where over 100 basements flooded. There were nearly 300 homes impacted in the county along with contaminated or collapsed wells. Other county roads closed due to high water included 17, 12, 30, and 8. In Preston, 12 business were affected and the city waste water treatment plant was flooded. Some evacuations were needed in Preston, along with Lanesboro.

HOUSTON COUNTY --- 7.1 NW BLACK HAMMER [43.69, -91.77], 2.9 W NEWHOUSE [43.51, -91.78], 6.7 S RENO [43.50, -91.27], 1.3 S BROWNSVILLE [43.68, -91.28]	06/08/08 07:30 CST		6.50M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		5.50M	Source: Law Enforcement

Widespread flooding forced the closure of virtually all roads across the county. Several civil emergency messages were sent by request of county officials for evacuations in mainly the southern half of the county. An estimated 9300 acres of corn and 5400 acres of beans were lost. There were massive mudslides in some parts of the county, just like in August 2007. Debris backup was common against area bridge supports.

MOWER COUNTY --- 3.0 NW AUSTIN ACRES [43.68, -93.04], 3.0 W LYLE [43.50, -93.03], 5.6 E LE ROY [43.51, -92.41], 6.4 SE RACINE [43.72, -92.41]	06/08/08 07:30 CST		0.50M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.40M	Source: Law Enforcement

Numerous roads were closed due to high water, especially over the south part of the county near the Minnesota-Iowa state line. Creeks ran very high in Austin area.

FILLMORE COUNTY --- 0.6 N LANESBORO [43.73, -91.98], 1.4 SW WHALAN [43.72, -91.95], 2.2 SSE PRESTON [43.65, -92.07], 1.2 NW PRESTON [43.69, -92.09]	06/08/08 14:00 CST		0.75M	Flood (due to Heavy Rain)
	06/09/08 20:00 CST		0.80M	Source: River/Stream Gage

The Root River went into flooding due to the heavy rains during the weekend of June 7-8. The South Branch of the Root River at Preston crested at 941.67 feet on June 9, which was the third highest crest on record. Flood stage is 937.0 feet. At Lanesboro, the South Branch of the Root River reached 14.17 feet with a flood stage there of 12 feet.

HOUSTON COUNTY --- 2.4 S PERKINS [43.75, -91.66], 4.0 E HOKAH [43.76, -91.25], 3.3 SSE LA CRESCENT [43.78, -91.26], 2.2 ENE MOUND PRAIRIE [43.80, -91.41], 1.3 SSW MONEY CREEK [43.80, -91.63]	06/09/08 14:30 CST		20K	Flood (due to Heavy Rain)
	06/10/08 19:00 CST		25K	Source: River/Stream Gage

The Root River went above flood stage across northern parts of Houston County for a day or two. The crest at Houston was 16.13 feet and the flood stage is 15 feet. Another crest occurred on June 14th of 15.26 feet.

A warm front extended east to west across the Upper Mississippi Valley on June 7, which provided the focus for thunderstorms producing excessive rainfall. In fact, these storms exhibited very high rainfall rates, which led to 1 to 2 inch rainfall amounts in an hour or so. As the storms congealed into a larger scale line of thunderstorms, they continued to move over the same areas, which led to significant flash flooding through the evening and overnight.

On June 8, the warm front was lingering across the region, but a cold front was quickly tracking east out of the northern Plains. Showers and storms would redevelop during the day in the vicinity of the warm front, while a line of storms developed out ahead of the cold front, with these tracking across the region Sunday night. Again, copious amounts of moisture lead to periods of heavy rain.

The heavy rainfall on June 8 enhanced the already dangerous flooding conditions across parts of southeast Minnesota. Many roads were already closed from the June 7 rains due to water over the roadways, mudslides, or partial washouts. Conditions only worsened, leading to more road closures, sandbagging, and some evacuations.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
While the rain was tapering off and moving east Sunday night, June 8, the rivers continued to rise, and some extremely quickly. Some rivers responded with a foot per hour rises. A top 5 record crest was set at the South Branch of the Root River at Preston.				
Fillmore, Houston and Mower County were declared federal disaster areas. Damage to crops and infrastructure in these locations was preliminarily estimated at 25 to 35 million dollars.				
DODGE COUNTY --- 2.0 W WEST CONCORD [44.15, -92.94]				
	06/11/08 20:40 CST		0	Thunderstorm Wind (EG 52 kt)
	06/11/08 20:40 CST		0	Source: Law Enforcement

DODGE COUNTY --- 1.7 W WASIOJA [44.08, -92.85]				
	06/11/08 20:50 CST		0	Thunderstorm Wind (EG 52 kt)
	06/11/08 20:50 CST		0	Source: Law Enforcement

An approaching cold front triggered scattered thunderstorms across parts of southeast Minnesota during the late evening of June 11. Law enforcement officials estimated wind gusts around 60 mph.

MOWER COUNTY --- 5.0 NNE CORNING [43.84, -93.03], 4.9 SW VARCO [43.56, -93.04], 4.2 NE TAOPI [43.59, -92.59], 5.0 WNW RACINE [43.81, -92.59]				
	06/11/08 22:23 CST		20K	Flash Flood (due to Heavy Rain)
	06/12/08 01:30 CST		0	Source: Law Enforcement

Flooding, which began as an urban problem, was reported all over the city of Austin with cars submerged, manhole covers blown off, and needed rescues for stranded drivers. Some roads in the county were also flooded.

MOWER COUNTY --- 0.9 SE MAPLEVIEW [43.67, -92.97], 0.5 SSE AUSTIN [43.66, -92.93], 0.7 N AUSTIN [43.68, -92.93], 1.3 WNW MAPLEVIEW [43.68, -93.00]				
	06/11/08 23:11 CST		3K	Flood (due to Heavy Rain)
	06/12/08 01:30 CST		0	Source: Broadcast Media

A section of Interstate 90 was closed between 11th Drive to 6th Street.

DODGE COUNTY --- 1.2 NE HAYFIELD [43.89, -92.85], 5.4 SW HAYFIELD [43.83, -92.96], 4.9 SE OSLO [43.83, -92.68], 3.0 NE OSLO [43.90, -92.70]				
	06/12/08 00:20 CST		5K	Flood (due to Heavy Rain)
	06/12/08 01:30 CST		0	Source: Emergency Manager

Several roads in Hayfield were under water. Evacuations occurred on the south side of Hayfield near the high school due to high water.

DODGE COUNTY --- 2.0 NE WEST CONCORD [44.17, -92.87], 4.3 WNW WEST CONCORD [44.18, -92.97], 3.3 ENE RICE LAKE [44.14, -92.99], 1.9 WSW CONCORD [44.14, -92.86]				
	06/12/08 00:20 CST		2.50K	Flood (due to Heavy Rain)
	06/12/08 01:30 CST		0	Source: Emergency Manager

Sections of Highway 24 were closed between 120th Avenue and 150th Avenue due to high water from the Middle Fork of the Zumbro River.

MOWER COUNTY --- 0.9 NE GRAND MEADOW [43.71, -92.57], 0.4 NW GRAND MEADOW [43.70, -92.59], 0.8 E GRAND MEADOW [43.70, -92.56], 1.1 NE GRAND MEADOW [43.71, -92.56]				
	06/12/08 01:48 CST		0.50K	Flood (due to Heavy Rain)
	06/12/08 02:55 CST		0	Source: COOP Observer

Heavy rainfall amounts of 1.5 inches caused flooding of some roads in Grand Meadow.

Thunderstorms produced as much as 3 inches of rain in three hours during the late evening and early morning of June 11-12. Hardest hit was the Austin area, where flooding affected most of the city. In fact, people were rescued from vehicles submerged in high water. In addition, a section of Interstate 90 was closed due to high water.

MOWER COUNTY --- 2.9 WSW VARCO [43.61, -93.04], 2.4 ESE VARCO [43.60, -92.94], 2.0 NE AUSTIN [43.69, -92.90], 4.7 SSW CORNING [43.70, -93.07]				
	06/12/08 00:00 CST		0.60M	Flood (due to Heavy Rain)
	06/13/08 23:00 CST		0.75M	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Cedar River in Austin reached a crest of 22.4 feet at the waste water treatment plant and 21.4 feet 3 miles south of Austin. Both of these crests occurred on June 12 and were the third highest on record. Flood stage at the waste water treatment plant is 15.0 feet and 11.0 feet 3 miles south of Austin. In addition, Turtle and Dobbins Creek near Austin crested at 13.74 feet and 18.95 feet respectively on June 12, which were both the second highest crests on record. All-time record crests were 14.77 feet at Turtle Creek, 25.0 feet at the waste water treatment plant and 23.26 feet 3 miles south of Austin, all of which occurred on September 16, 2004. Dobbins Creek all-time record crest was 19.18 feet on July 10, 2000.				

Sections of Interstate 90 were closed from flood waters along the Cedar River.

Rainfall amounts of 6 to 8 inches that occurred during the weekend of June 7-8 caused flooding June 12-13 along area creeks and rivers around Austin. In fact, top 5 record crests were set at Dobbins and Turtle Creek, as well as the Cedar River.

DODGE COUNTY --- HAYFIELD [43.88, -92.87], 1.3 NE OSLO [43.89, -92.73], 0.6 WSW CONCORD [44.15, -92.84], 3.4 W WEST CONCORD [44.15, -92.97]	06/12/08 01:30 CST	20K	Flood (due to Heavy Rain)
	06/12/08 17:30 CST	0	Source: Law Enforcement

MOWER COUNTY --- 2.7 WNW LYLE [43.51, -93.02], 4.8 NW MAYVILLE [43.82, -92.98], 5.0 WNW RACINE [43.81, -92.59], 4.6 N LE ROY [43.59, -92.52]	06/12/08 01:30 CST	35K	Flood (due to Heavy Rain)
	06/12/08 17:30 CST	0	Source: Law Enforcement

OLMSTED COUNTY --- 5.0 S ROCK DELL [43.85, -92.66], 1.7 WNW CHATFIELD [43.86, -92.21], 1.8 NE EYOTA [44.00, -92.21], 2.1 S BYRON [44.00, -92.65]	06/12/08 01:30 CST	15K	Flood (due to Heavy Rain)
	06/12/08 17:30 CST	0	Source: Law Enforcement

Rainfall totals of 2 to 4 inches during the late evening and early morning of June 11-12 continued to pose flooding problems in parts of southeast Minnesota. Many county roads were reported to be closed while numerous small streams and creeks were either flooded or rising quickly.

HOUSTON COUNTY --- 1.0 W HOUSTON [43.77, -91.59]	06/28/08 11:13 CST	0	Hail (1.00 in)
	06/28/08 11:13 CST	0	Source: Law Enforcement

HOUSTON COUNTY --- 0.6 SSE HOUSTON [43.76, -91.57]	06/28/08 11:16 CST	0	Hail (1.75 in)
	06/28/08 11:16 CST	1K	Source: Law Enforcement

A trained spotter reported golf ball size hail in town.

An upper level disturbance moved across southeast Minnesota during the late morning to early afternoon hours on June 28th. Scattered severe thunderstorms developed producing quarter to golf ball size hail.

WISCONSIN, Southwest

GRANT COUNTY --- 3.7 N WYALUSING [42.98, -91.14], 3.5 NNE PATCH GROVE [42.98, -90.94], 2.9 ESE LANCASTER [42.83, -90.67], 0.9 S GLENHAVEN [42.82, -91.07], 0.3 WSW WYALUSING [42.93, -91.13]	06/05/08 05:45 CST	3K	Flash Flood (due to Heavy Rain)
	06/05/08 08:57 CST	0	Source: County Official

Thunderstorms produced flash flooding over County Road X between Wyalusing State Park and Jellystone Campground northwest of Bagley. The Grant River also produced some flooding at Porter Bridge about five miles southwest of Lancaster.

Heavy rain from thunderstorms led to fairly localized flash flooding in parts of Grant County, Wisconsin.

LA CROSSE COUNTY --- 1.1 ENE LA CROSSE [43.81, -91.23]	06/06/08 02:16 CST	0.50K	Thunderstorm Wind (EG 50 kt)
	06/06/08 02:16 CST	0	Source: Broadcast Media

Several large trees were blown down in the city.

LA CROSSE COUNTY --- 3.0 N HERRINGTON [43.82, -91.19]
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Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/06/08 02:18 CST		0.25K	Thunderstorm Wind (EG 51 kt)
	06/06/08 02:18 CST		0	Source: NWS Employee
Several large limbs were blown down around the La Crosse National Weather Service office. A fence was also blown down on the south side of the office.				
LA CROSSE COUNTY --- 0.1 S WEST SALEM [43.90, -91.08]				
	06/06/08 02:25 CST		0.40K	Thunderstorm Wind (EG 51 kt)
	06/06/08 02:25 CST		0	Source: Law Enforcement
A large tree was blown down on Garland Street in West Salem.				
A line of thunderstorms producing wind gusts of 50 to 60 mph moved rapidly into parts of southwest Wisconsin during the early morning hours of June 6.				
BUFFALO COUNTY --- NELSON [44.42, -92.00]				
	06/07/08 08:42 CST		0	Hail (0.75 in)
	06/07/08 08:42 CST		0	Source: Law Enforcement
Penny size hail was reported.				
MONROE COUNTY --- 2.9 ESE SPARTA [43.91, -90.77]				
	06/07/08 10:55 CST		0	Hail (1.00 in)
	06/07/08 10:55 CST		3K	Source: Trained Spotter
MONROE COUNTY --- 3.1 W KENDALL [43.81, -90.43]				
	06/07/08 11:42 CST		4K	Thunderstorm Wind (EG 55 kt)
	06/07/08 11:43 CST		0	Source: Amateur Radio
Trees were downed on parts of Missouri Road and there was a washout near County Road V.				
MONROE COUNTY --- 2.9 SSW GLENDALE [43.74, -90.37]				
	06/07/08 11:44 CST		0	Thunderstorm Wind (EG 52 kt)
	06/07/08 11:44 CST		3K	Source: Trained Spotter
MONROE COUNTY --- 0.7 S KENDALL [43.79, -90.37]				
	06/07/08 11:47 CST		10K	Thunderstorm Wind (EG 55 kt)
	06/07/08 11:47 CST		5K	Source: Amateur Radio
A house sustained minor structural damage in Kendall. Power lines were downed and there was possible damage to a vehicle.				
MONROE COUNTY --- 3.4 SE GLENDALE [43.74, -90.31]				
	06/07/08 11:49 CST		0	Thunderstorm Wind (EG 52 kt)
	06/07/08 11:49 CST		2.50K	Source: Amateur Radio
JUNEAU COUNTY --- 4.2 SSW NECEDAH HORNSBURG AR [43.92, -90.04]				
	06/07/08 12:20 CST		0	Lightning
	06/07/08 12:20 CST	2	0	Source: Newspaper
Two individuals were struck in the Town of Germantown. One of the victims did require treatment for the minor injuries.				
ADAMS COUNTY --- 1.2 SW FRIENDSHIP [43.96, -89.84]				
	06/07/08 12:21 CST		0	Hail (0.88 in)
	06/07/08 12:21 CST		1K	Source: Amateur Radio
Nickel size hail was reported just west of Adams/Friendship.				
ADAMS COUNTY --- 3.9 NNW PLAINVILLE [43.77, -89.84]				
	06/07/08 12:28 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/07/08 12:28 CST		0	Source: Amateur Radio

Wind gusts of 60 mph were reported at Highway 82 and 13. Hail a half of an inch in diameter was also reported.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JUNEAU COUNTY --- 4.8 N LYNDON STATION [43.79, -89.90]				
	06/07/08 12:43 CST		0.70K	Thunderstorm Wind (EG 52 kt)
	06/07/08 12:43 CST		0	Source: Emergency Manager
Wind gusts of 60 mph were reported just west of the Wisconsin River and west of Highway 13.				
JUNEAU COUNTY --- 6.5 SE LYNDON STATION [43.66, -89.80]				
	06/07/08 12:48 CST		3K	Thunderstorm Wind (EG 53 kt)
	06/07/08 12:48 CST		1K	Source: Emergency Manager
Trees and numerous large branches were knocked down at Stand Rock Campground in extreme southeast parts of Juneau County. Several campers were damaged.				
GRANT COUNTY --- 2.6 NE MILLVILLE [43.06, -90.90], 2.9 NE MILLVILLE [43.06, -90.89]				
	06/07/08 12:52 CST		0.75K	Tornado (EF0, L: 0.10 mi , W: 30 yd)
	06/07/08 12:53 CST		0	Source: Law Enforcement
A tornado touched down in Grant County across the Wisconsin River from Wauzeka, WI (Crawford County). The tornado touch down was brief, as witnessed by a Grant County sheriff, and in a fairly remote area of Wisconsin DNR managed land. The touch down was about 1.8 miles south of Wauzeka in northern Grant County at 1:52 p.m. CDT. The tornado was recorded as an EF0 intensity (65 to 85 mph winds). This supercell thunderstorm continued to produce funnels on its track east along the Wisconsin River through Boscobel and Muscoda (Grant County). No additional tornadoes were confirmed however.				
ADAMS COUNTY --- 4.1 WSW BIG SPG [43.65, -89.71]				
	06/07/08 12:54 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	06/07/08 12:54 CST		0	Source: Amateur Radio
Large trees were blown down on Highway 23.				
ADAMS COUNTY --- 1.9 NE BIG SPG [43.69, -89.61], 1.9 NE BIG SPG [43.69, -89.60]				
	06/07/08 12:57 CST		2K	Tornado (EF0, L: 2.91 mi , W: 50 yd)
	06/07/08 12:59 CST		0	Source: NWS Storm Survey
A tornado hit rural southeast Adams County, WI and crossed into Marquette County, WI about 2.5 miles north of Briggsville. Time of touchdown was approximately 1:57 p.m. CDT. The tornado was rated an EF0, although EF1 damage was reported in Marquette County from the same tornado.				
GRANT COUNTY --- 0.7 N BOSCOBEL [43.14, -90.70]				
	06/07/08 13:10 CST		0	Funnel Cloud
	06/07/08 13:10 CST		0	Source: Amateur Radio
LA CROSSE COUNTY --- 0.9 SW HOLMEN [43.96, -91.26]				
	06/07/08 16:18 CST		2K	Hail (1.00 in)
	06/07/08 16:18 CST		0	Source: Amateur Radio
In addition to the hail, 2.7 inches of rain fell.				
LA CROSSE COUNTY --- 0.9 NE ONALASKA [43.89, -91.22]				
	06/07/08 16:25 CST		1K	Thunderstorm Wind (EG 54 kt)
	06/07/08 16:25 CST		0	Source: Trained Spotter
Large trees were blown down.				
LA CROSSE COUNTY --- 0.7 N BARRE MILLS [43.84, -91.12]				
	06/07/08 16:35 CST		1K	Thunderstorm Wind (EG 53 kt)
	06/07/08 16:35 CST		0	Source: Trained Spotter
Large trees were blown down.				
LA CROSSE COUNTY --- 2.4 ENE BARRE MILLS [43.84, -91.07], 2.3 N MIDDLE RIDGE [43.83, -90.95]				
	06/07/08 16:45 CST		93K	Tornado (EF1, L: 6.00 mi , W: 200 yd)
	06/07/08 16:55 CST		10K	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A tornado occurred at 5:45 p.m. CDT in La Crosse County, WI, near Barre Mills and it was surveyed by a National Weather Service meteorologist on Sunday, June 8th. The tornado initially touched down just west of Russian Coulee Road approximately two miles east of Barre Mills (La Crosse County). There the tornado destroyed one metal barn and partially unroofed another. Much of the debris from the first barn was thrown to the north; however, some of its debris was scattered to the east for nearly a half mile up a hill. A family of five heard the tornado and they took cover in a basement. Fortunately no one was injured.</p> <p>The tornado then proceeded over a hill and moved through another farmstead. It destroyed a barn and unroofed much of the adjacent house. Both soft and hardwood trees were either snapped or uprooted.</p> <p>The tornado then moved through several wooded areas as it crossed County Road II, Antony Road, County Road II again, and then Highway 162 near Soucek Road.</p> <p>The path of this tornado was about 6 miles long with an average width of 600 feet. It has an EF1 rating (estimated wind speeds of 90 to 110 mph). Several nearby neighbors saw the tornado as it moved through both farmsteads.</p>				
VERNON COUNTY --- 0.4 WNW LIBERTY POLE [43.48, -90.91], 0.2 N LIBERTY POLE [43.48, -90.90]				
	06/07/08 16:48 CST		15K	Tornado (EF0, L: 0.39 mi , W: 50 yd)
	06/07/08 16:50 CST		10K	Source: Emergency Manager
<p>A tornado touched down about 1 mile south of Liberty Pole, WI in rural Vernon County. This tornado hit a machine shed and tossed machinery into the air in addition to hitting nearby trees. It was rated an EF0.</p>				
VERNON COUNTY --- 1.5 NNE BENDERS CORNERS [43.60, -90.34]				
	06/07/08 17:37 CST		0	Hail (0.75 in)
	06/07/08 17:37 CST		0	Source: Law Enforcement
RICHLAND COUNTY --- 2.9 N HUB CITY [43.51, -90.36]				
	06/07/08 17:38 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/07/08 17:38 CST		0	Source: Amateur Radio
<p>A 60 mph wind gust was reported at Highway 80 and County Road CC.</p>				
RICHLAND COUNTY --- 1.8 W CAZENOVIA [43.52, -90.23]				
	06/07/08 17:43 CST		1K	Thunderstorm Wind (EG 56 kt)
	06/07/08 17:43 CST		3K	Source: Emergency Manager
<p>There was a lot of debris blowing through the air. Half inch diameter hail also fell.</p>				
JUNEAU COUNTY --- 3.5 S LYNDON STATION [43.67, -89.89]				
	06/07/08 18:17 CST		2.50K	Hail (1.00 in)
	06/07/08 18:17 CST		0	Source: Law Enforcement
JUNEAU COUNTY --- 5.8 SE LYNDON STATION [43.66, -89.82]				
	06/07/08 18:33 CST		0	Hail (0.75 in)
	06/07/08 18:33 CST		0	Source: Amateur Radio
CRAWFORD COUNTY --- 1.5 NNE ROLLING GROUND [43.35, -90.72]				
	06/07/08 20:37 CST		1K	Thunderstorm Wind (EG 52 kt)
	06/07/08 20:37 CST		0	Source: Law Enforcement
<p>A tree was blown down onto a vehicle, breaking the wind shield.</p>				
CRAWFORD COUNTY --- 2.8 N LYNXVILLE [43.29, -91.05]				
	06/08/08 01:04 CST		0.75K	Thunderstorm Wind (EG 52 kt)
	06/08/08 01:04 CST		0	Source: Law Enforcement
<p>Trees were blown down onto Highway 35.</p>				
GRANT COUNTY --- 0.5 ESE CASSVILLE [42.72, -90.99]				
	06/08/08 17:24 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	06/08/08 17:24 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY --- 3.3 WSW HOMER [43.07, -90.68]				
	06/08/08 17:35 CST		1K	Thunderstorm Wind (EG 55 kt)
	06/08/08 17:35 CST		0	Source: Emergency Manager
Several trees were blown down along Highway 61 between Boscobel and Fennimore, as well as along County Highway P. Trees were also blown down in Fennimore, especially around the cemetery.				
GRANT COUNTY --- DICKEYVILLE [42.63, -90.60]				
	06/08/08 18:35 CST		0	Thunderstorm Wind (EG 52 kt)
	06/08/08 18:35 CST		0	Source: Fire Department/Rescue
A warm front extending east to west across the Upper Mississippi River Valley was the focus for a significant severe weather event on June 7. A total of four tornadoes were confirmed, while numerous reports of wind damage and large hail were received from law enforcement officials and storm spotters.				
On Sunday, June 8, the warm front was lingering across the region, but a cold front was quickly tracking east out of the northern Plains. Showers and storms redeveloped during the day in the vicinity of the warm front, while a line of storms developed out ahead of the cold front, with these tracking across the region Sunday night. The severe weather activity, aside from heavy rain, was not as widespread compared to Saturday, June 7.				
VERNON COUNTY --- 1.8 NW ONTARIO [43.74, -90.60], 2.5 SW ONTARIO [43.70, -90.62], 1.7 SSW ONTARIO [43.70, -90.59], 1.1 NNE ONTARIO [43.74, -90.57]				
	06/07/08 15:08 CST		0.75M	Flood (due to Heavy Rain)
	06/09/08 12:00 CST		0.25M	Source: River/Stream Gage
The Kickapoo River at Ontario crested at a record level of 21.96 feet about 9:45 p.m. CDT on June 8. The previous record crest of 18.85 feet occurred on March 14, 2007. Flood stage is 18.0 feet. The river levels actually dipped just below flood stage around 7:00 a.m. CDT on June 8th before rising very quickly back up. Unofficially Ontario picked up 9.84 inches of rain over the weekend. Water swamped the intersection of Highways 33 and 131 and backed up into town. The village's baseball field and nearby parks were submerged along with nearly 3 feet of water into some businesses.				
LA CROSSE COUNTY --- LA CROSSE [43.80, -91.25], 1.7 SE CALVERT [43.73, -91.20], 2.4 SSE ST JOSEPH [43.75, -91.01], 0.5 NNE MIDDLE RIDGE [43.81, -90.94], 0.2 SE WEST LA CROSSE [43.85, -91.25]				
	06/07/08 16:30 CST		0.40M	Flood (due to Heavy Rain)
	06/08/08 05:30 CST		0.30M	Source: Emergency Manager
Heavy rains led to flooding over parts of the county, especially the southern tier where ponding of water flooded some basements and damaged secondary roads. About 60 residents applied for FEMA assistance.				
MONROE COUNTY --- LEON [43.88, -90.83], 1.1 WNW LEON [43.88, -90.85], 1.8 SSW SPARTA [43.91, -90.84], 1.5 S SPARTA [43.91, -90.82]				
	06/07/08 17:01 CST		20K	Flood (due to Heavy Rain)
	06/08/08 07:30 CST		30K	Source: Trained Spotter
Water was reported over Highway 27 at Jackpot Avenue.				
MONROE COUNTY --- 1.5 SSE SPARTA [43.91, -90.81], 2.1 NNW LEON [43.91, -90.85], 1.3 NW LEON [43.89, -90.85], 1.4 NE LEON [43.90, -90.81]				
	06/07/08 17:10 CST		0.20M	Flood (due to Heavy Rain)
	06/08/08 07:30 CST		0.73M	Source: Trained Spotter
Ponding of water was reported just south of Sparta, about one mile south of Interstate 90. Across the county about 10 percent of the corn crop was damaged or destroyed.				
MONROE COUNTY --- 0.5 W MELVINA [43.80, -90.78], 1.9 NW PORTLAND [43.79, -90.88], 1.8 SW PORTLAND [43.75, -90.88], 1.4 SE CASHTON [43.74, -90.76]				
	06/07/08 17:35 CST		1.35M	Flash Flood (due to Heavy Rain)
	06/07/08 20:00 CST		0.50M	Source: Law Enforcement
Mudslides forced the closure of some township roads.				
JUNEAU COUNTY --- 3.1 NNW ELROY [43.79, -90.29], 2.4 E LEMONWEIR [43.78, -89.97], 0.7 S LYNDON STATION [43.71, -89.90], 0.0 WSW UNION CENTER [43.68, -90.27]				
	06/07/08 17:57 CST		0.11M	Flash Flood (due to Heavy Rain)
	06/07/08 21:00 CST		70K	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Flash flooding hit parts of southern Juneau County hard with water over several roads and some mudslides. Many area creeks rose very rapidly as well.				

VERNON COUNTY --- 0.8 SSE STODDARD [43.66, -91.22], 2.7 W AVALANCHE [43.60, -90.83], 0.2 S READSTOWN [43.45, -90.77], 1.9 N DE SOTO [43.45, -91.20]

06/07/08 18:04 CST	2.25M	Flash Flood (due to Heavy Rain)
06/08/08 07:30 CST	0.95M	Source: Law Enforcement

The Vernon County sheriff department received numerous calls about water over roads and backed up drainage areas. In fact, law enforcement officials indicated flooding was worse than the flood of August 18-19 2007. Numerous earthen dams in the county had to be monitored for failure, including the Yttri-Primmer Dam that was heavily damaged. Highway 162 had mudslides over it and was closed in sections. At peak, 113 roads were closed across the county.

CRAWFORD COUNTY --- DE SOTO [43.42, -91.20], 1.2 ESE RISING SUN [43.41, -90.95], 0.8 ESE MT STERLING [43.32, -90.92], 2.6 SE FERRYVILLE [43.32, -91.06]

06/07/08 19:30 CST	0.32M	Flash Flood (due to Heavy Rain)
06/07/08 22:30 CST	25K	Source: Law Enforcement

Flash flooding was reported in many of the steep valleys with creeks rising rapidly and water over some roads. Mudslides began along Highway 35 in far western ends of the county.

RICHLAND COUNTY --- CAZENOVIA [43.52, -90.20], 2.5 S CAZENOVIA [43.48, -90.20], 2.8 E HUB CITY [43.48, -90.29], 0.9 W YUBA [43.53, -90.45]

06/07/08 19:50 CST	1.10M	Flash Flood (due to Heavy Rain)
06/08/08 07:30 CST	1M	Source: Emergency Manager

Water was reported over several roads, including County Road I and Highway 58.

JUNEAU COUNTY --- 2.1 S MAUSTON [43.77, -90.08], 1.2 NNW ELROY [43.77, -90.28], 1.5 SSW UNION CENTER [43.66, -90.28], 7.1 SE LYNDON STATION [43.64, -89.81], 4.5 NNE LYNDON STATION [43.78, -89.86]

06/07/08 20:01 CST	0.10M	Flood (due to Heavy Rain)
06/08/08 07:30 CST	75K	Source: Law Enforcement

Water was over numerous roads from 3 miles southwest of Mauston to 3 miles southeast of Mauston.

JUNEAU COUNTY --- 3.5 E WONEWOC [43.65, -90.16], 0.2 NNW WONEWOC [43.65, -90.23], 0.8 SSE WONEWOC [43.64, -90.23], 3.5 E WONEWOC [43.64, -90.16]

06/07/08 20:01 CST	0.15M	Flood (due to Heavy Rain)
06/08/08 07:30 CST	0.13M	Source: Law Enforcement

Water was over Geier Road due to flooding from Crossman Creek.

VERNON COUNTY --- 2.0 W LIBERTY [43.52, -90.77], 2.0 NNE KICKAPOO CENTER [43.50, -90.69], 2.4 E LIBERTY [43.52, -90.68], 1.2 SSW ROSS [43.54, -90.76]

06/07/08 21:55 CST	0.80M	Flood (due to Heavy Rain)
06/08/08 07:30 CST	0.35M	Source: Law Enforcement

Highway 56 was closed between Viroqua and Viola due in part to flooding of Bishop Branch.

VERNON COUNTY --- 1.5 NNE LA FARGE [43.59, -90.62], 2.5 NW LA FARGE [43.60, -90.67], 1.9 WNW LA FARGE [43.58, -90.66], 0.7 NNE LA FARGE [43.58, -90.62]

06/07/08 23:10 CST	0.50M	Flash Flood (due to Heavy Rain)
06/08/08 07:30 CST	0.40M	Source: COOP Observer

A mud slide was reported on Munson Road.

CRAWFORD COUNTY --- 1.7 NE FERRYVILLE [43.37, -91.08], 2.4 NNE LYNXVILLE [43.28, -91.04], 4.2 NNE PRAIRIE DU CHIEN [43.11, -91.13], 4.5 ESE PLUGTOWN [43.21, -90.66], 2.1 N CLAYTON [43.41, -90.72]

06/08/08 02:30 CST	20K	Flash Flood (due to Heavy Rain)
06/08/08 07:30 CST	0	Source: Law Enforcement

A mud slide occurred on County Road B about 4.5 miles from Highway 27.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY --- MUSCODA [43.18, -90.45], 0.8 WNW WOODMAN [43.08, -90.82], 1.3 NE WYALUSING [42.94, -91.12], 1.3 SE GLENHAVEN [42.82, -91.05], 2.0 SW MONTFORT [42.95, -90.46]				
	06/08/08 04:10 CST		0.75M	Flash Flood (due to Heavy Rain)
	06/08/08 07:10 CST		0.30M	Source: Law Enforcement
Numerous mudslides were reported, along with high water in valleys.				
VERNON COUNTY --- 1.4 NW LA FARGE [43.59, -90.65], 1.0 WSW LA FARGE [43.56, -90.65], 0.4 SSW LA FARGE [43.57, -90.63], 0.6 NNE LA FARGE [43.58, -90.62]				
	06/08/08 04:25 CST		0.60M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.60M	Source: River/Stream Gage
The Kickapoo River at La Farge reached a record crest of 15.88 feet around midnight on June 9. The previous record crest of 14.92 feet occurred on July 1, 1978. Flood stage is 12.0 feet. Unofficially La Farge picked up 6.39 inches of rain over the weekend. The southern and eastern parts of town were hardest hit.				
VERNON COUNTY --- 0.8 NE READSTOWN [43.46, -90.76], 1.5 SSW READSTOWN [43.43, -90.78], 1.5 SSE READSTOWN [43.43, -90.76], 1.2 ENE READSTOWN [43.46, -90.75]				
	06/08/08 06:00 CST		1M	Flood (due to Heavy Rain)
	06/12/08 12:00 CST		0.50M	Source: River/Stream Gage
The Kickapoo River at Readstown crested at a record level of 19.65 feet around 7 a.m. on June 9. The previous record crest of 19.08 feet occurred on July 21, 1951. Flood stage is 12.0 feet.				
VERNON COUNTY --- 0.9 NW LA FARGE [43.58, -90.64], 1.9 WNW ONTARIO [43.73, -90.62], 1.3 ENE ONTARIO [43.72, -90.55], 1.5 NNE LA FARGE [43.59, -90.61]				
	06/08/08 06:00 CST		0.75M	Flash Flood (due to Heavy Rain)
	06/08/08 09:00 CST		0.25M	Source: Law Enforcement
Highway 131 was closed between La Farge and Ontario due to flash flooding and mudslides.				
RICHLAND COUNTY --- 1.2 N VIOLA [43.52, -90.67], 1.3 WSW VIOLA [43.49, -90.69], 0.7 SSW VIOLA [43.49, -90.68], 0.7 ENE VIOLA [43.50, -90.66], 1.6 NE VIOLA [43.52, -90.65]				
	06/08/08 07:25 CST		2.20M	Flood (due to Heavy Rain)
	06/12/08 06:00 CST		1M	Source: River/Stream Gage
The Kickapoo river at Viola reached a record crest of 21.25 feet around 5 a.m. on June 9. The previous record crest of 21.0 feet occurred on July 1, 1978. Flood stage is 14.0 feet. Water was over bridge railings on the bridges.				
CRAWFORD COUNTY --- 3.1 SSE STAR VLY [43.34, -90.85], 2.3 NW BELL CENTER [43.30, -90.86], 1.5 NNW BELL CENTER [43.30, -90.83], 3.5 SSE STAR VLY [43.34, -90.83]				
	06/08/08 07:30 CST		2.10M	Flood (due to Heavy Rain)
	06/16/08 11:00 CST		0.40M	Source: River/Stream Gage
The Kickapoo River at Gays Mills reached a record crest of 20.44 feet around 10 a.m. CDT on June 9. The previous record crest of 19.80 feet occurred on July 2, 1978. Flood stage is 13.0 feet. About 175 homes and businesses were flooded.				
RICHLAND COUNTY --- 0.9 ENE SAND PRAIRIE [43.21, -90.60], 3.7 W WEST LIMA [43.55, -90.60], 3.9 N CAZENOVIA [43.58, -90.19], 1.6 WNW LONE ROCK [43.19, -90.23]				
	06/08/08 07:30 CST		2.40M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		1M	Source: Emergency Manager
Travel across Richland County was very difficult due to ongoing flooding. Numerous roads were closed, including Highways 131, 56 and 80, as well as County Roads C, F, Q, E, and U.				
VERNON COUNTY --- 0.7 NW HILLSBORO [43.66, -90.36], 3.0 SSE DILLY [43.61, -90.40], 2.2 S HILLSBORO [43.62, -90.35], 0.3 W HILLSBORO KCKAPOO AR [43.65, -90.34]				
	06/08/08 07:30 CST		0.80M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.30M	Source: Law Enforcement
Water was reported to be over Highway 80 south of Hillsboro. Unofficially Hillsboro picked up 7.55 inches of rain over the weekend.				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
VERNON COUNTY --- 0.9 NW LA FARGE [43.58, -90.64], 3.0 SW POTTS CORNER [43.60, -90.69], 3.2 WNW LA FARGE [43.59, -90.69], 0.2 E LA FARGE [43.57, -90.63]				
	06/08/08 07:30 CST		1.20M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.40M	Source: Trained Spotter
The lower third of the town of La Farge was evacuated and Highway 82 west of town was impassable.				
VERNON COUNTY --- 2.2 NNW COON VLY [43.73, -91.04], 0.7 NE STODDARD [43.68, -91.21], 1.7 S STODDARD [43.65, -91.22], 0.8 ESE CHASEBURG [43.65, -91.09], 1.6 ESE COON VLY [43.69, -90.99]				
	06/08/08 07:30 CST		0.75M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.25M	Source: Law Enforcement
Highway 162 was closed due to high water. Coon Creek in Coon Valley also flooded and damaged the nearby park.				
VERNON COUNTY --- VALLEY [43.65, -90.53], 1.0 ENE ROCKTON [43.66, -90.58], 0.9 ESE ROCKTON [43.64, -90.58], 1.2 SW VALLEY [43.64, -90.54]				
	06/08/08 07:30 CST		0.85M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.30M	Source: COOP Observer
Warner Creek was nearly over a bridge along County Road P, which was closed west of the town of Valley.				
CRAWFORD COUNTY --- 0.5 NNW SOLDIERS GROVE [43.41, -90.77], 1.2 W SOLDIERS GROVE [43.40, -90.79], 1.8 S SOLDIERS GROVE [43.37, -90.77], 1.2 SE SOLDIERS GROVE [43.39, -90.75]				
	06/08/08 08:00 CST		2M	Flood (due to Heavy Rain)
	06/13/08 18:00 CST		0.50M	Source: River/Stream Gage
The Kickapoo River at Soldiers Grove reached the second highest crest on record of 21.21 feet around 5 a.m. CDT on June 9. The all-time record crest of 21.63 feet was established on July 22, 1951. Flood stage is 13.0 feet. About 50 to 60 homes were flooded. The village park and Highway 131 bridge was badly damaged.				
JUNEAU COUNTY --- MAUSTON [43.80, -90.08], 2.5 NNW ELROY [43.78, -90.28], 0.3 WSW UNION CENTER [43.68, -90.28], 8.0 SE LYNDON STATION [43.65, -89.77], 5.5 N LYNDON STATION [43.80, -89.88]				
	06/08/08 10:15 CST		3.50M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.90M	Source: Law Enforcement
High water caused problems in Elroy due to flooding along the Baraboo River and there were several mudslides. Homes along Lincoln, Lake, South Brooklyn, and Franklin streets were evacuated after the river broke its banks early Sunday afternoon, June 8th. About 16 families were displaced in Wonewoc as well. Mudslides began to occur along Highways 82 and 80.				
Sections of the Elroy-Sparta State bicycle trail were also damaged and caused a closure.				
There was concern about high water in Mauston as well, especially along the Lemonweir River.				
CRAWFORD COUNTY --- 2.9 E DE SOTO [43.42, -91.14], 1.4 SW PRAIRIE DU CHIEN ARP [43.01, -91.14], 4.5 ENE BOYDTOWN [43.15, -90.72], 3.1 NW SOLDIERS GROVE [43.44, -90.81]				
	06/08/08 12:25 CST		0.10M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.10M	Source: Law Enforcement
Sandbagging was being done in Steuben. Flooding was reported on numerous township roads. There were numerous rock and mud slides on Highways 35 and 60.				
CRAWFORD COUNTY --- 0.4 N STEUBEN [43.19, -90.85], 1.0 W STEUBEN [43.18, -90.87], 0.9 SW STEUBEN [43.17, -90.86], 0.5 E STEUBEN [43.18, -90.84]				
	06/08/08 13:30 CST		2M	Flood (due to Heavy Rain)
	06/17/08 20:30 CST		0.45M	Source: River/Stream Gage
The Kickapoo River at Steuben crested at a record level of 19.15 feet around 2 a.m. CDT on June 10. The previous record crest of 18.0 feet occurred on July 3, 1978. Flood stage is 12.0 feet.				
JUNEAU COUNTY --- 0.7 S ELROY [43.74, -90.27], 0.6 NNW UNION CENTER [43.69, -90.27], 0.9 SE ELROY MUNI ARPT [43.69, -90.24], 1.3 ESE ELROY [43.74, -90.24]				
	06/08/08 15:51 CST		0.28M	Flash Flood (due to Heavy Rain)
	06/08/08 19:00 CST		0.15M	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Mudslides were reported along Highway 80. A trailer park was evacuated.				
JUNEAU COUNTY --- MAUSTON [43.80, -90.08], 3.1 NNW ELROY [43.79, -90.30], 0.5 WSW UNION CENTER [43.68, -90.28], 8.1 SE LYNDON STATION [43.65, -89.77], 5.2 NNE LYNDON STATION [43.79, -89.87]				
	06/08/08 15:56 CST		2.80M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.46M	Source: Law Enforcement
Evacuations were needed in many areas due to rising water levels. Numerous mudslides were also reported.				
GRANT COUNTY --- 0.7 N PATCH GROVE [42.94, -90.97], 1.7 E BRODTVILLE [42.95, -90.99], 1.6 N PATCH GROVE [42.95, -90.97], 1.4 NNE PATCH GROVE [42.95, -90.96]				
	06/08/08 17:20 CST		1.20M	Flash Flood (due to Heavy Rain)
	06/08/08 20:10 CST		0.55M	Source: Emergency Manager
Highways 35 and 18 were closed due to mudslides and debris. Trees were even being knocked down by the slides.				
GRANT COUNTY --- 1.2 NE MUSCODA [43.19, -90.43], 3.8 N WYALUSING [42.98, -91.13], 1.9 W CASSVILLE [42.72, -91.04], 2.1 SSW POTOSI [42.65, -90.74], 2.9 SW KIELER [42.55, -90.64], 6.2 E HAZEL GREEN [42.53, -90.31], 6.2 E CENTERVILLE [42.99, -90.31]				
	06/08/08 17:26 CST		0.75M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.35M	Source: Emergency Manager
Water was reported over numerous roads across the county.				
VERNON COUNTY --- 1.1 N HILLSBORO KCKAPOO AR [43.66, -90.33], 1.4 NE HILLSBORO KCKAPOO AR [43.66, -90.31], 0.7 S HILLSBORO KCKAPOO AR [43.64, -90.33], 0.4 W HILLSBORO KCKAPOO AR [43.65, -90.34]				
	06/08/08 18:00 CST		0.90M	Flood (due to Heavy Rain)
	06/09/08 20:00 CST		0.30M	Source: River/Stream Gage
The South Branch of the Baraboo River at Hillsboro reached a crest of 14.91 feet around Midnight CDT on June 8th, only to reach a second crest of 16.17 feet around 9 p.m. CDT later that day. This was a record crest for this location. The previous record crest was 15.6 feet on June 29, 1990. Flood stage is 13.0 feet.				
LA CROSSE COUNTY --- 0.4 W (LSE)LA CROSSE MUNI [43.88, -91.26]				
	06/08/08 19:07 CST		0.25M	Heavy Rain
	06/08/08 19:07 CST		0	Source: Official NWS Observations
Total rainfall for the weekend (June 7-8) was 4.40 inches at the La Crosse Mun. Airport. An amateur radio operator in La Crosse had 3.49 inches.				
CRAWFORD COUNTY --- 0.9 SE PRAIRIE DU CHIEN [43.04, -91.14], 3.2 NNW LYNXVILLE [43.29, -91.07], 0.5 SSE DE SOTO [43.41, -91.20], 2.0 SSE GAYS MILLS [43.42, -90.71], 3.7 SE MT ZION [43.21, -90.68], 1.6 ENE BRIDGEPORT [43.01, -91.02]				
	06/08/08 19:29 CST		0.28M	Flood (due to Heavy Rain)
	06/10/08 09:00 CST		0.15M	Source: Law Enforcement
Water covered secondary roads and sections of Highway 131. Some mudslides occurred along Highway 35, which resulted in closure of one lane.				
A warm front extended west to east across the Upper Mississippi River Valley on June 7, which provided the focus for thunderstorms producing excessive rainfall and other severe weather. In fact, these storms exhibited very high rainfall rates, which led to 1 to 2 inch rainfall amounts in an hour or so. As the storms congealed into a larger scale line of thunderstorms, they continued to move over the same areas, which led to significant flash flooding through the evening and overnight.				
On June 8, this same warm front lingered across the region, but a cold front approached from the northern Plains. Showers and storms would redevelop during the day in the vicinity of the warm front, while a line of storms developed out ahead of the cold front, with these tracking across the region Sunday night. Again, copious amounts of moisture lead to periods of heavy rain.				
The heavy rainfall on June 8 enhanced the already dangerous flooding conditions across parts of southwest Wisconsin. Many roads were already closed from the June 7 rains due to water over the roadways, mudslides, or partial washouts. Conditions only worsened, leading to more road closures, sandbagging, and some evacuations.				
While the rain was tapering off and moving east Sunday night, June 8, the rivers continued to rise, and some extremely quickly. Some rivers responded with a foot per hour rises, while others eventually exceeded their river gauges ability to record the river levels. These gauges were under water themselves! All-time record crests were set at a few locations, with top 5 records at many others.				
Damage to infrastructure and crops was preliminarily estimated at 75 to 85 million dollars. As a result, Crawford, Grant, Juneau, Monroe,				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Richland and Vernon Counties in central and southwest Wisconsin were declared federal disaster areas.				
GRANT COUNTY --- 1.2 WNW CORNELIA [42.69, -90.59]				
	06/12/08 12:45 CST		15K	Thunderstorm Wind (EG 55 kt)
	06/12/08 12:45 CST		10K	Source: Emergency Manager
The top of a silo was blown off and a barn or shed was blown down along County Road O north of Dickeyville. Water was flowing over some nearby roads.				
GRANT COUNTY --- 0.6 NE UNION [42.84, -90.51]				
	06/12/08 13:29 CST		3K	Tornado (EF0, L: 0.25 mi , W: 50 yd)
	06/12/08 13:30 CST		10K	Source: NWS Storm Survey
A brief tornado touched down 0.6 miles northeast of Union, or 0.2 miles north of the intersection of Town Hall Road and County Road AD. Winds were estimated at 70 to 80 mph. An enhanced area of tree damage occurred, with a few 18 inch diameter pines snapped off 15 feet above the ground. A nearby residence sustained little damage, although power lines were downed.				
GRANT COUNTY --- 3.4 SE UNION [42.79, -90.48]				
	06/12/08 13:29 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/12/08 13:29 CST		8K	Source: Trained Spotter
GRANT COUNTY --- 2.1 S UNION [42.80, -90.52]				
	06/12/08 13:30 CST		10K	Thunderstorm Wind (EG 60 kt)
	06/12/08 13:30 CST		10K	Source: Trained Spotter
Numerous tree branches were downed and some farm machinery was damaged. Lots of flooding was observed as well.				
GRANT COUNTY --- 3.4 SE UNION [42.79, -90.48]				
	06/12/08 13:30 CST		8K	Thunderstorm Wind (EG 70 kt)
	06/12/08 13:30 CST		5K	Source: Trained Spotter
Winds were strong enough to push the rear of a spotter's sport utility vehicle two feet to the side.				
ADAMS COUNTY --- BIG FLATS [44.12, -89.80]				
	06/12/08 14:32 CST		0	Hail (0.75 in)
	06/12/08 14:32 CST		0	Source: Amateur Radio
Scattered severe thunderstorms developed ahead of a cold front during the afternoon of June 12. Thunderstorm winds estimated as high as 80 mph were reported, along with the touchdown of a brief tornado. Trees and power lines were downed, while homes sustained little or no damage. Large hail was also reported in parts of central Wisconsin.				
GRANT COUNTY --- 1.2 WNW CASSVILLE [42.73, -91.02], 3.6 NW CASSVILLE [42.75, -91.06], 0.3 E BEETOWN [42.80, -90.87], 2.1 NNW ELLENBORO [42.81, -90.63], 2.9 NNE PLATTEVILLE [42.77, -90.47], 3.1 WNW KIELER [42.59, -90.66], 1.8 SSE POTOSI [42.66, -90.71], 3.0 SE CASSVILLE MUNI ARPT [42.69, -90.93]				
	06/12/08 13:12 CST		6.50M	Flash Flood (due to Heavy Rain)
	06/12/08 21:00 CST		0.45M	Source: Emergency Manager
A major flash flood hit Grant County during the afternoon of June 12th impacting the communities of Lancaster, Potosi, Tennyson, Ellenboro, and other rural areas. Numerous rescues were performed from people trapped in cars, especially in the Potosi area where terrain enhanced the runoff from repeat thunderstorms. Several homes on Hippie Hollow Road in Potosi Township were destroyed along with damage to as many as 600 homes elsewhere in the region. Many highways and county roads suffered flood damage including major bridge and road infrastructure.				
RICHLAND COUNTY --- 0.2 S SAND PRAIRIE [43.20, -90.62], 1.2 SE TRAVERA [43.27, -90.63], 0.8 ENE KEYESVILLE [43.33, -90.21], 2.7 WNW LONE ROCK [43.20, -90.25]				
	06/12/08 15:00 CST		28K	Flash Flood (due to Heavy Rain)
	06/12/08 19:55 CST		3K	Source: Law Enforcement
Flash flooding led to water over sections of Highway 48 about 4 miles from the intersection with Highway 14, as well as sections of County Roads O and OO. High water also caused problems from the Gotham area to Lone Rock.				
GRANT COUNTY --- 2.3 NW CASSVILLE [42.74, -91.03], 3.0 E ANNATON [42.93, -90.57], 2.3 N PLATTEVILLE [42.76, -90.48], 2.5 WSW KIELER [42.57, -90.65]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/12/08 19:00 CST		0.18M	Flood (due to Heavy Rain)
	06/13/08 09:00 CST		35K	Source: Emergency Manager

Flooding continued in many areas of southwest Wisconsin during the evening of June 12th, especially on the Platte and Grant Rivers where rises of 4 feet an hour were reported. About 50 locations on Grant County roads were closed at one point due to flood waters and damage to infrastructure. Emergency Operation Centers and shelters were opened. A state of emergency was declared for the county.

Rainfall totals of 3 to 4 inches caused flash flooding across parts of southwest Wisconsin during the afternoon and evening of June 12 from repeat thunderstorms. Hardest hit communities were in Grant County and included Potosi, Tennyson and British Hollow. Southern sections of Richland County was also impacted. Many county and secondary roads and bridges were washed out in the vicinity of the Platte River.

GRANT COUNTY --- 3.0 N PLATTEVILLE [42.77, -90.48]

06/14/08 14:38 CST	0	Hail (0.75 in)
06/14/08 14:38 CST	0	Source: Trained Spotter

GRANT COUNTY --- NORTH ANDOVER [42.82, -90.97]

06/14/08 14:56 CST	1K	Hail (1.00 in)
06/14/08 14:56 CST	0	Source: Trained Spotter

GRANT COUNTY --- 1.0 NE LANCASTER [42.86, -90.71]

06/14/08 15:10 CST	1.50K	Hail (1.00 in)
06/14/08 15:10 CST	0	Source: Public

GRANT COUNTY --- LANCASTER [42.85, -90.72]

06/14/08 15:10 CST	1.50K	Hail (1.75 in)
06/14/08 15:10 CST	0	Source: Emergency Manager

GRANT COUNTY --- LANCASTER [42.85, -90.72]

06/14/08 15:11 CST	0	Hail (0.75 in)
06/14/08 15:11 CST	0	Source: Trained Spotter

Thunderstorms developed in the late afternoon on June 14 along a cold front and produced hail up to the size of quarters and golf balls.

LA CROSSE COUNTY --- 2.0 ESE HERRINGTON [43.77, -91.14]

06/28/08 11:18 CST	0	Hail (1.00 in)
06/28/08 11:18 CST	0	Source: Public

Law enforcement officials relayed a public report of quarter size hail on Breidel Coulee Road.

VERNON COUNTY --- 2.0 S VICTORY [43.45, -91.21]

06/28/08 11:30 CST	0	Hail (1.00 in)
06/28/08 11:30 CST	0	Source: Trained Spotter

VERNON COUNTY --- 0.8 ESE DE SOTO [43.42, -91.18]

06/28/08 11:45 CST	0	Hail (1.00 in)
06/28/08 11:45 CST	0	Source: COOP Observer

A cooperative weather observer reported half inch to penny size hail near De Soto.

MONROE COUNTY --- 0.2 S LEON [43.88, -90.83]

06/28/08 11:50 CST	0	Hail (0.88 in)
06/28/08 11:50 CST	0	Source: Law Enforcement

VERNON COUNTY --- 0.3 NE RED MOUND [43.47, -91.15]

06/28/08 11:50 CST	0	Hail (1.00 in)
06/28/08 11:50 CST	0	Source: Law Enforcement

VERNON COUNTY --- 0.9 ESE DE SOTO [43.42, -91.18]

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/28/08 11:50 CST		0	Hail (1.75 in)
	06/28/08 11:50 CST		0	Source: COOP Observer
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LA CROSSE COUNTY --- 1.1 NNE CALVERT [43.77, -91.21]				
	06/28/08 11:53 CST		0	Hail (1.00 in)
	06/28/08 11:53 CST		0	Source: Amateur Radio
Hail the size of quarters was reported, along with street flooding near Wal-Mart on the south side of La Crosse.				
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LA CROSSE COUNTY --- 1.9 SE CALVERT [43.73, -91.20]				
	06/28/08 11:55 CST		0	Hail (1.00 in)
	06/28/08 11:55 CST		0	Source: NWS Employee
A NWS staff member reported hail between pea and quarter size along with wind gust to 30 miles per hour.				
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RICHLAND COUNTY --- 2.7 ESE BASSWOOD [43.26, -90.45]				
	06/28/08 11:57 CST		0	Hail (0.75 in)
	06/28/08 11:57 CST		0	Source: Public
Penny sized hail was reported on State Road 80.				
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RICHLAND COUNTY --- 3.2 W TWIN BLUFFS [43.28, -90.38]				
	06/28/08 12:02 CST		0	Hail (1.00 in)
	06/28/08 12:02 CST		0	Source: Public
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VERNON COUNTY --- 0.9 SW RETREAT [43.44, -91.09]				
	06/28/08 12:02 CST		0	Hail (0.75 in)
	06/28/08 12:02 CST		0	Source: Public
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LA CROSSE COUNTY --- 2.8 SW ST JOSEPH [43.75, -91.07]				
	06/28/08 12:10 CST		0	Hail (1.00 in)
	06/28/08 12:10 CST		0	Source: Law Enforcement
Quarter sized hail was reported near the intersection of County Road M and NN.				
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RICHLAND COUNTY --- 1.4 NNW TWIN BLUFFS [43.30, -90.33]				
	06/28/08 12:10 CST		0	Hail (0.75 in)
	06/28/08 12:10 CST		0	Source: Law Enforcement
Penny sized hail was reported near the intersection of Highways 58 and U.S. 14.				
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VERNON COUNTY --- 1.0 W COON VLY [43.70, -91.04]				
	06/28/08 12:15 CST		0	Hail (0.75 in)
	06/28/08 12:15 CST		0	Source: Law Enforcement
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VERNON COUNTY --- 2.6 NW READSTOWN [43.48, -90.80]				
	06/28/08 12:15 CST		0	Hail (0.75 in)
	06/28/08 12:15 CST		0	Source: Law Enforcement
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MONROE COUNTY --- 1.4 S TOMAH [43.96, -90.50]				
	06/28/08 12:17 CST		0	Hail (1.50 in)
	06/28/08 12:17 CST		0	Source: Amateur Radio
Ham radio operators estimated ping pong ball size hail south of Tomah.				
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MONROE COUNTY --- 4.6 SW OAKDALE [43.92, -90.44]				
	06/28/08 12:33 CST		0	Hail (0.88 in)
	06/28/08 12:33 CST		0	Source: Trained Spotter
Nickel sized hail was covering the ground.				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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MONROE COUNTY --- 0.7 S OAKDALE [43.96, -90.38]	06/28/08 12:37 CST		0	Hail (0.75 in)
	06/28/08 12:37 CST		0	Source: Public
	Pea to penny sized hail covered the ground near Oakdale.			
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JUNEAU COUNTY --- 3.7 SW CUTLER [43.98, -90.28]	06/28/08 12:46 CST		0	Hail (0.75 in)
	06/28/08 12:46 CST		0	Source: Amateur Radio
	An upper level disturbance moved across southwest and central Wisconsin during the early afternoon hours on June 28th. Scattered severe thunderstorms developed and produced nickel to ping pong ball size hail.			